



**DEPARTMENT OF THE AIR FORCE  
PACIFIC AIR FORCES**

28 October 2003

**MEMORANDUM FOR KING SALMON RESTORATION ADVISORY BOARD  
ATTENTION: MR. RICHARD SHERMAN/MR. WILLY FOSTER**

**FROM:** 611 CES/CEVR  
10471 20<sup>th</sup> Street Ste 338  
Elmendorf AFB AK 99506-2270

**SUBJECT:** King Salmon Restoration Advisory Board 16 September 2003 Meeting Minutes.

The Restoration Advisory Board (RAB) 16 September 2003 meeting minutes are forwarded for your information. Should you have any further comments or suggestions call me at (800) 222-4137 or (907) 552-7261 or email [dave.hertzog@elmendorf.af.mil](mailto:dave.hertzog@elmendorf.af.mil). The next meeting is scheduled for 18 November. All RAB members are invited to dinner, starting at 5:00, in the base dining facility prior to the meeting.

A handwritten signature in black ink, reading "David O. Hertzog".

David Hertzog, GS-12  
Remedial Project Manager  
King Salmon/Galena

Encl: 16 September 2003 Draft Minutes  
Agenda for 18 November 2003 Meeting

**KING SALMON RESTORATION ADVISORY BOARD  
16 SEPTEMBER, 2003  
BASE LOUNGE, 7:00 P.M.  
MEETING MINUTES**

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The meeting was called to order at 7:09 pm by Linda Levshakoff, filling in for the co-chairs.

The following RAB members were present:

Linda Levshakoff  
Nanci Morris  
Ray Taylor  
Bill Waite

Visitors and other participants are listed below.

David Hertzog – 611<sup>th</sup> U.S. Air Force  
Dan Hartung – CSS  
Gretchen Pikul, ADEC representative  
Max Schwenne – OASIS Environmental, Inc.

**Changes to the Agenda**

None.

**Approval of the Minutes**

The minutes were edited to indicate that Bill and Ray work for Chugach Support Services (CSS), not CDC. The edited minutes from the 16 September meeting were approved unanimously.

**NEW BUSINESS**

**Air Force Project Update**

**Groundwater Monitoring Contracts**

The groundwater monitoring contract was awarded to Paug-Vik in July. The contract includes collection of samples at Zones one, three, four, and six. It also includes maintenance of the South Bluff Treatment system.

**Bioventing System Maintenance**

Award of the bioventing system maintenance contract will occur soon.

**Zone 1 Bioventing Pilot Study**

The Zone 1 Bioventing Pilot Study is ongoing. The field test will conclude at the end of February. The draft report will be available the first part of April. The intent of the project is to assess if bioventing can affect the free product plume.

**RAPCON**

The bioventing system is operational.

**Marina and Pipeline**

Excavation of contaminated soils at the marina and pipeline was performed last fall. More contaminated soil than anticipated was encountered; consequently, the contractor exhausted the available funds before backfill of the excavation pits could be accomplished. The Air Force used 611<sup>th</sup> personnel to backfill the pits. Contamination is still present at both locations. Additional characterization work is scheduled for

FY 04. Most of the contamination at the marina has been removed. The drum storage area needs to be investigated and at least one monitoring well needs to be installed. In addition, one area along the pipeline requires investigation.

### **Records of Decision (ROD)**

RODs are scheduled for all of the remaining zones: Zone 2(base industrial area) in 2004, Zone 5(fire training areas and Circle Landfill) in 2004 or 2005, and Zone 7 (Lake Camp) in 2004.

Keith Barnack is now managing Zone 2. The Zone 2 ROD has been signed by the state, but Air Force staff in Washington D.C. asked for further clarification of a few items. An addendum was prepared to address the Air Force staff issues. Completion of the ROD signature process is expected soon.

The Lake Camp ROD is ready for signature. It will be submitted to Air Force Staff soon.

The Zone 5 ROD is currently under development. Zone 5 will be the final King Salmon ROD.

The Zone 3 (Bluffs) and Zone 4 (Naknek River Storage) RODs are due their five year review in 2004.

By 2007 or 2008 most remedial actions will be implemented at King Salmon.

### **Remedial Process Optimization (RPO)**

About \$68M has been budgeted for King Salmon through the year 2027. The Remedial Process Optimization (RPO) team is looking for ways to save money and still meet project and regulatory objectives. A number of recommendations have been developed. The recommendations will be contained in the draft report scheduled for completion soon. The RPO has been funded to start implementing some of the recommendations right away, such as evaluation of an auto-start system tied to an in-line detector for the South Bluff Treatment System. The RPO is also evaluating ways to reduce the sampling frequency.

### **Review of Area of Concern Maps**

Keith Barnack is assisting David Hertzog by heading up evaluation of additional potential sites in the King Salmon area. Originally 23 sites were identified. The current effort may expand this number.

The Area of Concern (AOC) list was developed by EPA and ADEC by areal photography interpretation. A total of 13 or 14 potential new sites have been identified. These sites will be evaluated by preliminary assessment. If evidence of Air Force related contamination is found at any site it will be added to the IRP. Sites where no evidence is found will be dropped from further investigation. Funds for the initial preliminary investigations at the AOCs are programmed for FY 05.

### **King Salmon WEB Site**

The ADEC is planning to make a King Salmon WEB site available soon. The site will contain project summaries and links to important documents. The Air Force will review all items proposed for posting to ensure homeland security concerns are addressed and to ensure the information is both accurate and sensitive to local historical interpretations. Mr. Hertzog also noted he was going to start providing the results of monthly inspection and maintenance reports to CSS for review.

### **ADEC Update**

#### **Downtown Seep**

The downtown seep work was completed last year and sampling was performed this spring. Fuel seepage into the creek was not evident and there was no fuel odor by the creek bank. Consequently, the interception trench appears to be effective, about 60 gallons of fuel per year currently removed by the system.

The state may continue with annual or bi-ennial sampling. Contamination remains in the groundwater near the where the former tank was located. However, the only monitoring wells still containing contamination are those located adjacent to the former tank location.

Rich Sundet is the ADEC project manager for the site.

### **Impaired Water Body List**

The 303 D list of impaired water bodies has been revised and is out for public review. In the past, four King Salmon streams were on the list: King Salmon Creek, Eskimo Creek, Red Fox Creek, and the Naknek River. Three of the four water bodies were removed from the most recent list. Only Red Fox Creek remains in impaired status.

Segments of the Naknek and Eskimo Creek are still on the list near the marina and at the downtown seep, respectively.

The list is on the ADEC website under Water Quality.

### **North Bluff Fencing**

Bill Waite noted that approximately 100' of fencing was down at North Bluff. He pointed it out to the Bluff maintenance crew. The crew was not aware of the damage. They fixed the fence promptly after being informed of the damage.

Mr. Hertzog asked that he be provided all reports of fence damage. Paug-Vik has the contract to perform fence maintenance.

## **OLD BUSINESS**

### **Fox Creek Apartments**

At the last meeting Ms. Pikul offered to find out what regulatory issues were associated with the drinking water well at the Fox Creek Apartments. She spoke with drinking water staff and determined there were no outstanding issues.

## **DATE AND TOPICS FOR NEXT MEETING**

The agenda for the next meeting is attached.

The next meeting is scheduled for 18 November, 7:00 p.m. in the base lounge. All RAB members are invited to have dinner at the base dining facility at 5:00 p.m., prior to the meeting.

## **ADJOURNMENT**

The meeting ended at 8:32 p.m.

**DRAFT AGENDA**  
**KING SALMON RESTORATION ADVISORY BOARD (RAB)**  
TUESDAY, NOVEMBER 18, 2003  
7:00 P.M.  
BASE LOUNGE

- |      |   |  |
|------|---|--|
| I.   | Call to Order   | Richard Sherman/Willy Foster<br>Community Co-Chairs<br>Co-Chairs |
|      | a. Roll Call (all participants please sign Sign-In Sheet) |  |
|      | b. Introduce Guests                                       | Co-Chairs & David Hertzog  |
|      | c. Changes to Agenda                                      | Co-Chairs  |
|      | d. Approval of the 16 September 2003 meeting minutes      | RAB  |
| II.  | New Business  |  |
|      | a. Air Force Project Updates                              | David Hertzog  |
|      | b. ADEC Project Updates                                   | Gretchen Pikul   |
|      | c. Review of AOC Maps                                     | David Hertzog  |
|      | d. Zone 2 and Zone 7 RODs                                 | David Hertzog  |
|      | e. Bioventing Pilot Study Update                          | Max Schwenne   |
|      | f. RPO Update   | David Hertzog  |
|      | g. Budget Status Update                                   | David Hertzog  |
| III. | Old Business  |  |
| IV.  | Set Date and Tentative Topics for Next Meeting            | Co-chairs  |
| IV.  | Meeting Adjourned   |  |